



## Schools and Libraries Division

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Oct 14, 2011

Michelle Harken  
WEST CONTRA COSTA UN SCH DIST  
Telephone:  
Application Number

(209) 8340556  
792679

### Response Due Date: October 29, 2011

The Program Integrity Assurance (PIA) team is in the process of reviewing all Funding Year 2011 Form 471 Applications for schools and libraries discounts to ensure that they are in compliance with the rules of the Universal Service program. We are currently in the process of reviewing your Funding Year 2011 Form 471 Application. To complete our review, we need some additional information. The information needed to complete the review is listed below.

#### I. Service Review

##### A. UPS

Based on our review of your FY 2011 Form 471 792679, for FRN(s) 2188011, the documentation you provided in your Item 21 Attachments was not sufficient to allow us to determine the eligibility of your request(s). Please provide a list of the equipment that will be plugged into the UPS(s) being requested, including make and model, and the percentage of use of the UPS. **The UPS is 100% dedicated to the P-1 Bundle Equipment**

##### B. Network Diagram for Priority 1 Equipment

Based on the documentation you provided during the review of your FY 2011 Form 471 792679, it appears that FRN 2188011, includes charges associated with the following on-premise equipment. The FCC has indicated that equipment at the applicant site is presumed to be Internal Connections, but that this presumption can be overcome in certain circumstances. In order for us to evaluate your request, please provide the following information.

Please provide a configuration diagram of the products and services you are requesting. The diagram should include the on-premise equipment requested as a part of Internet Access or Telecommunications Services, and all other components, including Internal Connections, which directly connect to these components. In addition, the diagram should indicate the specific demarcation(s) points per service between the applicant's local communication facilities and the Telecommunications or Internet Access service. **Please see the attached P-1 Bundle Rack Configuration and WCCUSD Opteman Network Buildout.**

For additional information regarding on-premise equipment, please visit  
<http://www.usac.org/sl/applicants/step06/on-premise-priority1-equipment.aspx>

##### C. Mini Racks

Based on our review of your FY 2011 Form 471 792679, for FRN(s) 2188011, the documentation

you provided in your Item 21 Attachments was not sufficient to allow us to determine the eligibility of your request(s). Please provide a list of the equipment that will be stored or housed in the cabinets or equipment racks being requested, including make and model, and the percentage of use of the cabinets or equipment rack for each piece of equipment. If the cabinets or equipment racks will be used for purposes other than housing eligible equipment please indicate the percentage used for these other purposes so that a cost allocation for these ineligible purposes can be performed. **The mini racks are 100% dedicated to the P-1 Bundle Equipment**

#### **D. Cost Breakout**

Please provide a cost breakout to show the price for each item listed for FRN 2188011 Priority 1 equipment list for total hardware, total maintenance, and total services. **Please see the attached SLD Monthly Cost Breakdown**

Please fax or email the requested information to my attention. If you have any questions or you do not understand what we are requesting, please feel free to contact me.

It is important that we receive all of the information requested **within 15 calendar days** so we can complete our review. **Failure to respond may result in a reduction or denial of funding. If you need additional time to prepare your response, please let me know as soon as possible.**

Should you wish to cancel your Form 471 application(s), or any of your individual funding requests, please clearly indicate in your response that it is your intention to cancel an application or funding request(s). Include in any cancellation request the Form 471 application number(s) and/or funding request number(s), and the complete name, title and signature of the authorized individual.

Thank you for your cooperation and continued support of the Universal Service Program.

***Carla Yates***

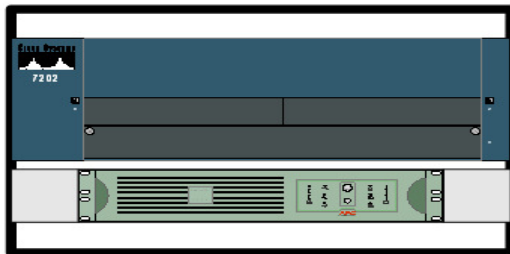
Program Integrity Assurance Reviewer  
USAC, Schools & Libraries Division  
Phone# 973-581-7682  
Fax# 973-599-6513  
E-Mail: [Cyates@sl.universalservice.org](mailto:Cyates@sl.universalservice.org)

# West Contra Costa Unified School

## P-1 Bundle Rack Configurations

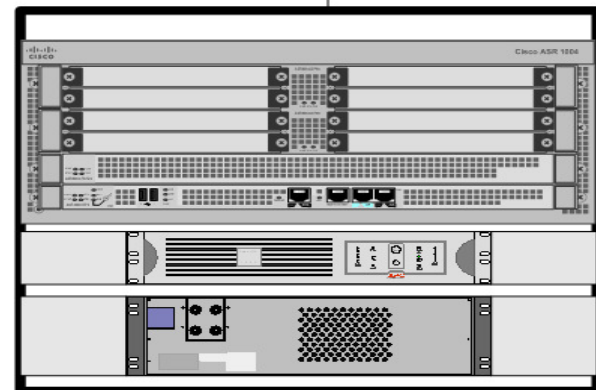
### Remote Locations

Dedicated Equipment  
Cisco 7201 Router  
APC SUA100RM2U UPS



### Head End Location

Dedicated Equipment  
Cisco ASR1004 Router  
APC SUA1500RM2U UPS  
APC SMX48RMBP2U Battery Pack



Vendor	Catalog Num	Name	Description	Qty
<b>Hardware</b>				
<b>P1-Bundle/Head End</b>				
Cisco	<b>ASR1004-SB</b>	ASR1004-SB	Cisco ASR1004 Chassis, Dual P/S, I/O Bundle	1
Cisco	ASR1000-SPA	ASR1000-SPA	SPA for ASR1000; No Physical Part; For Tracking Only	4
Cisco	ASR1000-ESP10	ASR1000-ESP10	Cisco ASR1000 Embedded Services Processor, 10G, Crypto	1
Cisco	ASR1000-RP1	ASR1000-RP1	Cisco ASR1000 Route Processor 1, 2GB DRAM	1
Cisco	ASR1000-SIP10-SB	ASR1000-SIP10-SB	Cisco ASR1000 SPA Interface Processor 10, I/O Bundle	2
Cisco	ASR1004-PWR-AC	ASR1004-PWR-AC	Cisco ASR1004 AC Power Supply	2
Cisco	CAB-AC-RA	CAB-AC-RA	Power Cord, 110V, Right Angle	2
Cisco	FLASR1-FPI-RTU	FLASR1-FPI-RTU	Flex. Pack Insp. Right-To-Use Feat Lic, ASR1000 Series	1
Cisco	FLASR1-FW-RTU	FLASR1-FW-RTU	Firewall Right-To-Use Feature Lic for ASR1000 Series	1
Cisco	FLASR1-IORED-RTU	FLASR1-IORED-RTU	SW Redundancy Right-To-Use Feat Lic for ASR1000 Series	1
Cisco	M-ASR1K-HDD-40GB	M-ASR1K-HDD-40GB	Cisco ASR1000 RP1 40GB HDD	1
Cisco	M-ASR1K-RP1-4GB	M-ASR1K-RP1-4GB	Cisco ASR1000 RP1 4GB DRAM	1
Cisco	SASR1R1-AISK9-24SR	SASR1R1-AISK9-24SR	Cisco ASR 1000 Series RP1 ADVANCED IP SERVICES	1
Cisco	SFP-GE-S	SFP-GE-S	1000BASE-SX SFP (DOM)	12
Cisco	SPA-1X10GE-L-V2EP	SPA-1X10GE-L-V2EP	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter, EP Bundle	2
Cisco	SPA-8X1GE-V2EP	SPA-8X1GE-V2EP	Cisco 8-Port Gigabit Ethernet Shared Port Adapter, EP Bundle	2
Cisco	<b>SFP-10G-SR=</b>	SFP-10G-SR=	10GBASE-SR SFP Module	2
Cisco	<b>X2-10GB-SR=</b>	X2-10GB-SR=	10GBASE-SR X2 Module	2
Sac Power	SMX1500RM2U		UPS	1
Sac Power	SMX48RMBP2U		UPS battery pack	1
Sac Power	4x8 backboard		Backboard	1
USR	USR0839	USR0839	Tech Data Sportster® External 33.6 Faxmodem	1
Sac Power	MRQ100V10		mini rack	1
<b>P1-Bundle/Remote</b>				
Cisco	<b>CISCO7201</b>	CISCO7201	Cisco 7201 Chassis, 1GB Memory, Dual P/S, 256MB Flash	62
Cisco	MEM-7201-FLD256	MEM-7201-FLD256	Cisco 7201 Compact Flash Disk, 256 MB System	62
Cisco	CAB-AC	CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	124
Cisco	MEM-7201-1GB	MEM-7201-1GB	Cisco 7201 Series 1GB Memory System	62
Cisco	PWR-7201-AC	PWR-7201-AC	Cisco 7201 AC Power Supply option System	124
Cisco	S72PAISK9-12424T	S72PAISK9-12424T	Cisco 7200 NPE G2 IOS ADVANCED IP SERVICES	62
Cisco	SFP-GE-S	SFP-GE-S	1000BASE-SX SFP (DOM)	124
APC / Sac Power	SUA1000RM2U		UPS	62
Sac Power	4x8 backboard		Backboard	62
USR	USR0839	USR0839	Tech Data Sportster® External 33.6 Faxmodem	62
cable exch	CEX-LCSC-MMD-3M		3 Meter LC-SC MM	62
cable exch	ACS-2500ASYN		Auxiliary/Console Port Cable Kit	62
cable exch	CAB-ETH-S-RJ45		Yellow Cable for Ethernet, Straight-through, RJ45	126
Sac Power	MRQ100V8		mini rack	62

Total Hardware \$ 33,077.99

<b>AMS Maintenance (Cisco parts listed below)</b>				
<b>Head end site</b>				
Cisco	CON-SNT-8X1V2EP	CON-SNT-8X1V2EP	SMARTNET 8X5XNBD Cisco 8-Port Gigabit Ethernet Shared Por	10
Cisco	CON-SNT-A1004SB	CON-SNT-A1004SB	SMARTNET 8X5XNBD Cisco ASR1004 Chassis	5
Cisco	CON-OSP-ASIP10SB	CON-OSP-ASIP10SB	ONSITE 24X7X4 Cisco ASR1000 SPA	10
Cisco	CON-OSP-ASR1FPI	CON-OSP-ASR1FPI	ONSITE 24X7X4 Flex. Pack Insp. Right-To-Use Feat Lic	5
Cisco	CON-OSP-ASR1FWRT	CON-OSP-ASR1FWRT	ONSITE 24X7X4 Firewall Right-To-Use Feature Lic	5
Cisco	CON-OSP-ASR1IOS	CON-OSP-ASR1IOS	ONSITE 24X7X4 SW Redundancy Right-To-Use Feat Lic	5
Cisco	CON-OSP-ASRESP10	CON-OSP-ASRESP10	ONSITE 24X7X4 Cisco ASR1000 Embedded Services Processor	5
Cisco	CON-OSP-ASRRP1	CON-OSP-ASRRP1	ONSITE 24X7X4 Cisco ASR1000 Route Processor	5
Cisco	CON-SNT-SASR1RA	CON-SNT-SASR1RA	SMARTNET 8X5XNBD Cisco ASR 1000 Series RP1	5
APC / Sac Power	UPS Maint		5 year onsite UPS support	1
APC / Sac Power	UPS Battery Pack Maint		5 Year onsite UPS Battery Pack support	1
<b>Remote Sites</b>				
Cisco	CON-OSP-CISC7201	CON-OSP-CISC7201	ONSITE 24X7X4 7201 Chassis, 1GB memory	310
APC / Sac Power	UPS Maint		5 year onsite UPS support	62


Total Maintenance \$ 43,907.05

<b>Services</b>				
Calisma	Network Engineering		Implementation Services	1
Calisma	Project Management		PM Services	1
IC	Implementation Coord		Imp Coordination service	1
Sac Power	UPS Install		UPS, Mini Rack & Battery pack install	63
Sac Power	Back board install		Backboard install	63

Total Services \$ 16,975.97

Grand Total

\$ 93,961.00

<b>West Contra Costa USD OPTEMAN Network Buildout</b>	<b>Customer:</b> West Contra Costa Unified School District	<b>Drawn by:</b> Ken Calloway	
	<b>Configuration Property of at&amp;t</b>	<b>Last Modified:</b> Oct 25, 2011	

